




DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3 0.0/4.0	407a 09S74	1204	



03/08/10

REGISTERED ELECTRICAL ENGINEER DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER

SYN YEE CHIN

No. 18186

Exp. 09/30/2011

ELECTRICAL


STATE OF CALIFORNIA

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- NOTES:
- Contractor shall furnish and install a Back Panel in each telephone terminal box. (See Material List Item #E). Bond back panel to ground lug.
 - Contractor shall furnish and install four -65 point terminal blocks and 5 plastic wireways in each telephone terminal box (See Material List Item #B and #F).
 - Contractor shall furnish and install a nameplate on each telephone terminal box. (See nameplate schedule listed on this drawing).
 - Contractor shall furnish and install 50 telephone circuit noise suppressors in each telephone terminal box.
 - See plan sheet E-965 for telephone terminal box terminations.

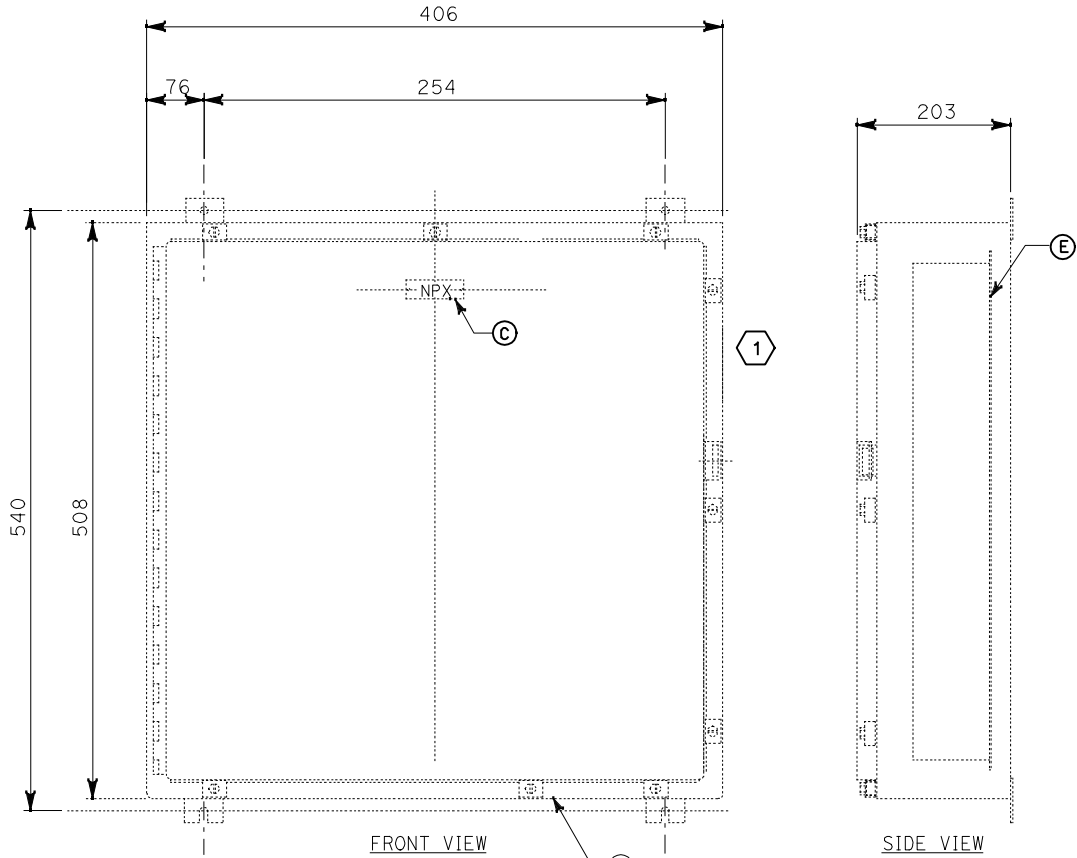
- SHEET NOTES:
- Existing Enclosure.
 - Contractor to provide and install a name plate to be mounted below the existing one, with Line 2 engraved.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE							
	03/08/10	MEP INTEGRATION			JE	SYC	110
MARK	DATE	DESCRIPTIONS			BY	CH'D	CCO#
REVISIONS							

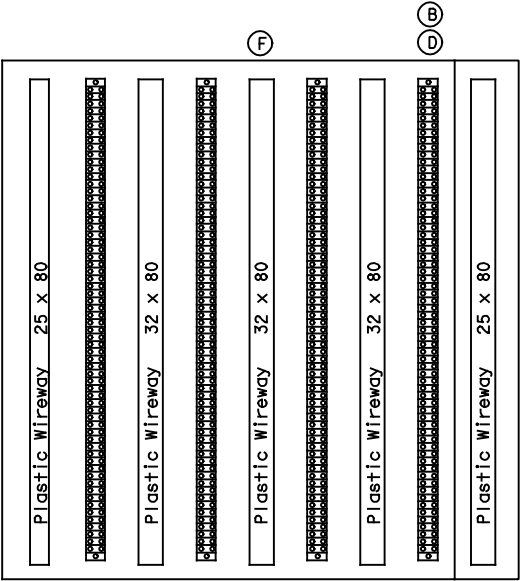
CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

DETAILS
SCADA REMOTE TERMINAL UNIT SYSTEM
TELEPHONE TERMINAL BOX ASSEMBLY
EASTBOUND
NO SCALE

E-961



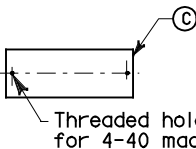
FRONT PANEL



INSIDE PANEL LAYOUT

MATERIAL LIST		
ITEM	DESCRIPTION	QTY.
(A)	Enclosure, galvanized steel, NEMA 12, with interior panel 375 x 327	1 1
(B)	65 Point Terminal blocks, rated 300 V, feed-through modular terminal block with screw connection, cross section 0.2-4 mm ² , width 5.2 mm, on DIN rail with (2) end clamps	4
(C)	Nameplate to be white lamicoid with black core, size 19 x 80, lettering to be 3 mm condensed gothic. (See nameplate Schedule below for engravings).	-
(D)	Noise suppressor, termination resistor	50
(E)	Back Panel, metal, bond to enclosure ground lug	1
(F)	Plastic Wireway	5

ITEM NO.	NAMEPLATE SCHEDULE		QTY.
	LINE 1	LINE 2	
NP1	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-09E	
NP2	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-10E	
NP3	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-11E	
NP4	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-12E	
NP5	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-13E	
NP6	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-SUB. EB	
NP7	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-14E	
NP8	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-15E	
NP9	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-16E	
NP10	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-17E	
NP11	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-18E	
NP12	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-19E	
NP13	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-20E	
NP14	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-21E	



Threaded hole for 4-40 machine screw

NOTE: Nameplates shall be mounted to the enclosure front panel with 4-40 stainless steel machine screws. The control panel to be drilled and tapped (no self-tapping screws).